

	Hits	Search Text	Time Stamp	DBs
1	1	"6,603,784".pn.	2005/04/18 14:22	US-PGPUB; USPAT; USOCR; EPO; JPO
2	21	("4603340" "4644378" "4787089" "5040186" "5229627" "5251225" "5371387" "5383211" "5408487" "5491710" "5557627" "5559818" "5583351" "5719894" "5719895" "5757833" "5780867" "5825796" "6252894" "6359920" "6363092") .PN.	2005/04/18 17:31	US-PGPUB; USPAT; USOCR
3	14	quantum adj2 well with mechanical adj2 stress	2005/04/18 17:31	US-PGPUB; USPAT; USOCR
4	13	("5068868" "5524017" "5638392" "5689123" "5719894" "5757830" "5904549" "5923691" "5936929" "5937274" "6081470" "6081541" "6207973") .PN.	2005/04/18 17:55	US-PGPUB; USPAT; USOCR
5	6	quantum adj2 well with stress same alloy	2005/04/20 14:27	US-PGPUB; USPAT; USOCR; EPO; JPO
6	1	"5021360".pn. and quantum	2005/04/20 14:27	US-PGPUB; USPAT; USOCR; EPO; JPO
7	9	(US-20030193979-\$ or US- 20030219917-\$ or US- 20010050934-\$).did. or (US- 5105240-\$ or US-5987047-\$ or US-6603784-\$ or US-6798809-\$ or US-6304588-\$ or US-5021360- \$).did.	2005/04/20 15:04	US-PGPUB; USPAT
8	3591	"14" and spacer	2005/04/20 15:05	US-PGPUB; USPAT; USOCR; EPO; JPO
9	3	S7 and spacer	2005/04/20 15:05	US-PGPUB; USPAT; USOCR; EPO; JPO

	Hits	Search Text	Time Stamp	DBs
10	3	S7 and spacer and barrier	2005/04/20 15:06	US-PGPUB; USPAT; USOCR; EPO; JPO
11	2	S7 and spacer and barrier same quantum and alloy	2005/04/20 15:06	US-PGPUB; USPAT; USOCR; EPO; JPO
12	3	S7 and spacer and barrier same quantum	2005/04/20 16:00	US-PGPUB; USPAT; USOCR; EPO; JPO
13	144	quantum adj2 well same barrier same spacer with thickness	2005/04/20 16:14	US-PGPUB; USPAT; USOCR; EPO; JPO
14	8	quantum adj2 well same barrier same spacer with thickness and quantum adj2 well with stress	2005/04/20 16:02	US-PGPUB; USPAT; USOCR; EPO; JPO
15	14	quantum adj2 well same barrier and spacer with thickness and quantum adj2 well with stress	2005/04/20 16:02	US-PGPUB; USPAT; USOCR; EPO; JPO
16	6	S15 not S14	2005/04/20 16:02	US-PGPUB; USPAT; USOCR; EPO; JPO
17	132	quantum adj2 well same barrier with alloy	2005/04/20 16:22	US-PGPUB; USPAT; USOCR; EPO; JPO
18	10	(US-20030193979-\$ or US-20030219917-\$ or US-20010050934-\$).did. or (US-5105240-\$ or US-5987047-\$ or US-6603784-\$ or US-6798809-\$ or US-6304588-\$ or US-5021360-\$ or US-6207973-\$).did.	2005/04/20 16:24	US-PGPUB; USPAT
19	5	S18 and lattice adj2 mismatch\$2	2005/04/20 16:31	US-PGPUB; USPAT; USOCR; EPO; JPO
20	7	S18 and alloy	2005/04/20 16:32	US-PGPUB; USPAT; USOCR; EPO; JPO
21	10	S18 and barrier	2005/04/20 16:32	US-PGPUB; USPAT; USOCR; EPO; JPO

	Hits	Search Text	Time Stamp	DBs
22	7	S18 and barrier with thickness	2005/04/20 16:51	US-PGPUB; USPAT; USOCR; EPO; JPO
23	29	spacer with thickness with ANG\$1 same quantum	2005/04/20 16:58	US-PGPUB; USPAT; USOCR; EPO; JPO
24	1298	spacer with thickness with ANG\$1	2005/04/20 16:52	US-PGPUB; USPAT; USOCR; EPO; JPO
25	330	barrier with thickness with ANG\$1 same quantum	2005/04/20 16:58	US-PGPUB; USPAT; USOCR; EPO; JPO
26	11	barrier with thickness with ANG\$1 same quantum same alloy	2005/04/20 16:58	US-PGPUB; USPAT; USOCR; EPO; JPO
27	1	"6603784".pn.	2005/05/10 21:40	US-PGPUB; USPAT; USOCR; EPO; JPO
28	2	"6148015".pn.	2005/12/19 18:21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
29	500	quantum adj2 well with (tensive or compressive or mechanical) adj2 (stress or strain)	2005/12/20 13:56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
30	87	(quantum adj2 well or MQW) with InGaAs same (spacers or spacing adj2 layers) with GaAs	2005/12/20 15:00	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
31	164	(quantum adj2 well or MQW) with AlAs same (spacers or spacing adj2 layers) with GaAs	2005/12/20 15:18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
32	21	("4603340" "4644378" "4787089" "5040186" "5229627" "5251225" "5371387" "5383211" "5408487" "5491710" "5557627" "5559818" "5583351" "5719894" "5719895" "5757833" "5780867" "5825796" "6252894" "6359920" "6363092") .PN.	2005/12/20 15:09	US-PGPUB; USPAT; USOCR

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33	0	(quantum adj2 well or MQW) with (GaAsSb or InGaAsSb) same (spacers or spacing adj2 layers) with GaAs	2005/12/20 15:49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
34	28	(quantum adj2 well or MQW) with spacers with lattice	2005/12/20 15:56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
35	2	(quantum adj2 well or MQW) same spacer same lattice adj2 mismatch\$3 with substrate	2005/12/20 15:58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
36	40	(quantum adj2 well or MQW) same lattice adj2 mismatch\$3 with substrate and spacer	2005/12/20 16:43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
37	15	(multiple adj2 quantum adj2 well or MQW) same spacer same (InGaAs and GaAs)	2005/12/20 16:43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
38	0	substrate same (quantum adj2 well or QW or MQW) same spacer near4 unstrain\$2	2005/12/28 14:48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
39	4	(quantum adj2 well or QW or MQW or active) same spacer near4 unstrain\$2	2005/12/28 15:57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
40	830	(quantum adj2 well or QW or MQW or active) same spacer same GaAs	2005/12/28 14:49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
41	641	(quantum adj2 well or QW or MQW or active) same spacer same GaAs same substrate	2005/12/28 14:49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
42	6	(quantum adj2 well or QW or MQW or active) same spacer same GaAs same substrate same lattice adj2 mismatch\$4	2005/12/28 15:57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
43	403	(quantum adj2 well or QW or MQW or active) same spacer with GaAs same substrate with GaAs	2005/12/28 15:58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

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44	38	(quantum adj2 well or QW or MQW or active) same spacer with GaAs same substrate with GaAs and lattice adj2 mismatch\$4	2005/12/28 18:19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
45	1620	strained adj2 (quantum adj2 well or active)	2005/12/28 18:19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
46	265	strained adj2 (quantum adj2 well or active) and superlattice	2005/12/28 18:19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
47	200	strained adj2 (quantum adj2 well or active) and superlattice and GaAs	2005/12/28 18:20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
48	2227	strained adj2 (quantum adj2 well or active) and superlattice and GaAs and InGaAs or GaInAs	2005/12/28 18:20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
49	160	strained adj2 (quantum adj2 well or active) and superlattice and GaAs and (InGaAs or GaInAs)	2005/12/28 18:21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
50	110	strained adj2 (quantum adj2 well or active) and superlattice and GaAs and (InGaAs or GaInAs) with (quantum adj2 well or active)	2005/12/28 20:33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
51	1293	superlattice with active	2005/12/28 20:34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
52	2	"5021360".pn. and quantum	2005/12/29 12:04	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT

	L #	Hits	Search Text	DBs	Time Stamp
1	L2	8300	(strain\$4 or stress\$4) near3 (active or quantum adj2 well or MQW)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2005/12/29 12:05
2	L3	84	(strain\$4 or stress\$4) near3 (active or quantum adj2 well or MQW) same spacer same barrier	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	2005/12/29 12:05
3	L4	24	("20010043629" "20020067877" "3919656" "4424525" "4658403" "4683484" "4806997" "4814774" "4827320" "4829272" "4899200" "4949350" "5010374" "5105248" "5202896" "5204871" "5337328" "5386128" "5422501" "5436759" "5652439" "5698900" "6031243" "6647041") .PN.	US- PGPUB; USPAT; USOCR	2005/12/29 12:53